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What will be Done with Samples?

- A program to acquire indoor dust samples to assist in the development and evaluation of WTC dust signatures is underway. First set of samples has been obtained.
- Samples will be collected from approximately 10 buildings in the area that is suspected to be affected by WTC.
- Samples will be collected from approximately 10 buildings in the NYC area that are not suspected of being affected.

How will Sampling be Done?

- QA and sampling plans
- Health and safety plans
- Pre-sampling survey
- Photos of proposed sampling areas and notes of building usage
- Sampling of three areas
 - Track-in
 - 2 relatively undisturbed areas
- Use an ASTM HEPA vacuum Method to collect bulk samples
- Aliquot samples for signature analysis

What will be Done with Samples?

- EPA will conduct a preliminary chemical analysis of the background and affected area samples.
- The results of the preliminary analysis will be made available as soon as possible after EPA has reviewed the data for QA.
- We hope to have the sampling and analysis completed by the middle of November 2004.
- Access to appropriate sampling locations may be an issue.

Availability of Samples

- Dust samples from background and affected locations will be made available to researchers involved in developing and evaluating WTC signatures.
- A review procedure to determine distribution of the limited amount of dust samples will be developed and published for comment by the end of September. Samples should be available by mid November.
- Procedures to ensure rapid availability of the results of signature studies are being developed.

Data Required on Proposed Signatures

- Analyte(s)
- Method of analysis
- Cost
- Time for analysis
- Sample size requirements
- Sample type (filter, bulk dust, other) requirements
- Minimum detection limit
- Interferences
- Data supporting proposed signature